

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A glass substrate for an information recording medium, the glass substrate having a surface having a center-line average roughness ratio, R_{ab}/R_{af} , of 0.8 to 1, in which R_{af} is a center-line average roughness measured after the glass substrate is held in water having a temperature of 80°C for 24 hours and R_{ab} is a center-line average roughness R_{ab} measured before the holding, and the glass substrate having a Young's modulus of 90 GPa or more.
2. (Original) The glass substrate for an information recording medium as recited in claim 1, which has a glass composition consisting essentially of SiO_2 , Al_2O_3 , Li_2O , Na_2O , MgO , CaO , TiO_2 and ZrO_2 .
3. (Original) The glass substrate for an information recording medium as recited in claim 2, wherein the glass composition contains, by mol%, more than 50% but not more than 70% of SiO_2 , at least 1% but less than 6% of Al_2O_3 , more than 12% but not more than 25% of Li_2O , at least 1% but less than 3% of Na_2O , 0 to less than 15% of MgO , 1 to 30% of CaO , more than 0.1% but less than 5% of TiO_2 , and more than 3% but not more than 10% of ZrO_2 .
4. (Currently Amended) The glass substrate for an information recording medium as recited in ~~any one of claims 1 to 3~~ claim 1, which is chemically strengthened.
5. (Currently Amended) The glass substrate for an information recording medium as recited in ~~any one of claims 1 to 4~~ claim 1, which has an average linear expansion coefficient, measured at 100 to 300°C, of at least $80 \times 10^{-7}/^\circ\text{C}$.

6. (Currently Amended) An information recording medium comprising an information recording layer formed on the glass substrate recited in ~~any one of claims 1 to 5~~ claim 1.